1139-60-452   **Alexey Bufetov*** (`alexey.bufetov@gmail.com`), MA. *Gaussian Free Field in random tiling models.*

A Kenyon-Okounkov conjecture states that the fluctuations of the height function in random tiling models should converge to a Gaussian Free Field. We will discuss some particular cases where this convergence was proven. (Received February 18, 2018)